PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

020.0347.US.CON

sons are required to respond to a collection of information unless it displays a valid OMB control number. Under the Paperwork Reduc Complete if Known Substitute for form 1449A/PTO 10/646,037 Application Number INFORMATION DISCLOSURE Filing Date August 22, 2003 First Named Inventor STATEMENT BY APPLICANT Bardy Art Unit 2851 (Use as many sheets as necessary) **Examiner Name** Unassigned

Attorney Docket Number

Sheet

	U.S. PATENT DOCUMENTS								
		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where				
Examiner Initials*	ner Cile	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear					
92		US-6.250.309	06-26-2001	Krichen et al.					
		US-5,438,983	08-08-1995	Falcone					
		US-5,464,012	11-07-1995	Falcone					
		US- 5,720,770	02-24-1998	Nappholz et al.					
		US-6,363,282	03-26-2002	Nichols et al.					
		US-5,974,124	10-26-1999	Schlueter, Jr. et al.					
		US-6,263,245	07-17-2001	Snell					
T		US-6,080,106	06-27-2000	Lloyd et al.					
		US- 6,122,351	09-19-2000	Schlueter, Jr. et al.					
T		US-6,225,901	05-01-2001	Kail, IV					
		US-6,249,705	06-19-2001	Snell					
		US- 6,442,433	08-27-2002	Linberg					
		US-6,497,655	12-24-2002	Linberg et al.					
1		US-6,287,252	09-11-2001	Lugo					
		US-5,603,331	02-18-1997	Heemels et al.					
		US-6,290,646	09-18-2001	Cosentino et al.					
		US-5,769,074	06-23-1998	Barnhill et al.					
		US-5,133,346	07-28-1992	Kulkarni					
1/		US-4,142,533	03-06-1979	Brownlee et al.					
4		US-							

	PODEION PATENT POCUMENTO										
	FOREIGN PATENT DOCUMENTS										
l	1	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	1 . 1					
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>					
			<u></u>		***************************************						
	ļ					_					
	<u> </u>			-		.					
<u></u>	ļ		ļ			-					
			<u> </u>								

	_				
Examiner		7		 Date	9/2-11
Signature		4		Considered	110/09

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. (Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patemt-Documents—at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here it English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

Substitut	e for form 1449A	VPTO		Complete	Complete if Known		
				Application Number	Unassigned	,	
INI	FORMATION	N DISCLO	SURE	Filing Date	Sept 20, 2002		
ST	ATEMENT I	BY APPLI	CANT	First Named Inventor Bardy			
(	use as many sh	eets as neces	ssary)	Art Unit	Unassigned		
				Examiner Name	Unassigned		
Sheet	1	of	3	Attorney Docket Number	003.0290.01		

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
XX		US-4.686.999	8/18/1987	Snyder et al.					
		US-5.355.889	10/18/1994	Nevo et al.					
		US-5.591.215	1/7/1997	Greenhut et al.					
		US-5,660,183	8/26/1997	Chiang et al.					
		US-4,987,897	1/29/1991	Funke					
1		US-5,040,536	8/20/1991	Riff					
1		US-5,113,859	5/19/1992	Funke					
		US-5,113,869	5/19/1992	Napphotz, et al.					
		US-5,331,549	7/19/1994	Crawford Jr.					
		US-5,336,245	8/9/1994	Adams et al.					
		US-5,357,427	10/18/1994	Langen et al.					
		US-5,390,238	2/14/1995	Kirk et al.					
	<u> </u>	US-5,437,278	8/1/1995	Wilk					
		US-5,544,661	8/13/1996	Davis et al.					
	ļ	US-5,553,609	9/10/1996	Chen et al.					
		US-5,704,366	1/6/1998	Tracklind et al.					
		US-5,711,297	1/27/1998	Hiff					
		US-5,713,350	2/3/1998	Yokota et al.					
J.		US-5,752,976	5/19/1998	Duffin et al.					

	FOREIGN PATENT DOCUMENTS									
Examiner Initials	Cite No.	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (il known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁰				
<b>X</b>		EP 0 711 531 A1	5/15/1996	Karlsson et al.						
	1	EP 0 531 889 A2	3/17/1993	Hewlett-Packard						
		WO 97/39792	10/30/1997	Feldman						
		WO 99/46718	9/16/1999	Healthware Corporation						
			**************************************			-				
***************************************						-				

Examiner Signature Considered

'EXAMINER: Initiarit reterence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with first communication to applicant.

Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

Better Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute f	or form 1449A	/PTO		Complete if Known		
				Application Number	Unassigned	
INFO	DRMATION	DISCLO	DSURE	Filing Date	Sept 20, 2002	
STA	TEMENT	BY APPL	ICANT	First Named Inventor	Bardy	
(us	e as many she	ets as nece	essary)	Art Unit	Unassigned	
				Examiner Name	Unassigned	
Sheet	2	of	3	Attorney Docket Number	003.0290.01	

	U.S. PATENT DOCUMENTS								
		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where				
Examiner Initials	Cite No.	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear				
XX		US-5,772.604	6/30/1998	Lanoberg et al.					
		US-5,778,882·	7/14/1998	Raymond et al.	•				
		US-5,792.062	8/11/1998	Poon et al.					
		US-5.855,593	1/5/1999	Olson et al.					
		US-5,876,353	3/2/1999	Riff					
_1		US-5,931,857	3/2/1999	Prieve					
		US-5,987,352	11/16/1999	Klein et al.					
		US-6,139,494	10/31/2000	Cairnes					
		US-5,199,428	4/6/1993	Obel et al.					
		US-5,724,983	3/10/1998	Selker et al.					
		US-6,171,256	1/9/2001	Joo et al.					
		US-6,168,563	1/2/2001	Brown					
Į.		US6,223,078	04/24/2001	Marcovecchio					
		US-							
		US-							
		US-							

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.'	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>4</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1		
						+		
						-		
						-		
						-		

Considered

Signature

'EXAMINER: Initial Intelerence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04, 'Enler Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitu	te for form 1449B/PT	[O		Comple	Complete if Known		
0000000		•		Application Number	Unassigned		
11	NFORMATION (	วเรด	OSURE	Filing Date	Sept 20, 2002		
	TATEMENT BY			First Named Inventor	Bardy		
. 3	(use as many sheet			Group Art Unit	Unassigned		
	(aso as many shoot			Examiner Name	Unassigned		
Sheet	3	óf	3	Attorney Docket Number	003.0290.01		

		OTUEN BRIOD ACT. MON PATENT LITERATURE DOCUMENTS	
		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	<del></del>
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the anticle (when appropriate), title of the item (book, magazine, journal, sanal, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city end/or country where published.	T <sup>2</sup>
28		MOODY GB, "Integration of Real-Time and Off-Line Clinical Data in the MIMIC Database," Computers in Cardiology 1997, Vol. 24, pp.585-588, Cambridge, MA USA	
		LONG WJ, et al., "Differential Diagnosis Generation From A Causal Network With Probabilities," Computers in Cardiology, 1988, Proceedings, pp. 185-188, Washington DC, USA	
		·	
1	1 54.05 to 40.00 to 40.00 to 40.00 to		
	-		
- <u></u>			

\*EXAMINER: Initial it reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date Considered

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

Examiner

Signature

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

2

PTO/SB/08A (10-01) Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE erwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

MAR 2 7 2003 Under the P control number.

Sheet

Substitute or form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Complete if Known				
Application Number	10/251,473			
Filing Date	Sept 20, 2002			
First Named Inventor	Bardy			
Art Unit	3736			
Examiner Name	Unassigned			
Attorney Docket Number	003.0290.US.CON			

U.S. PATENT DOCUMENTS							
F	0:	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
Examiner Initials	Cite No.	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
	1	US-4974607	12/4/90	Miwa	D <sub>n</sub>		
	l	US-5576952	11/19/96	Stutman	ットつと		
		US-5743267	4/28/98	Nikolic	1, 6		
		US-5897493	4/27/98	Brown	MAR 3		
		US-6302844	10/16/01	Walker	TECHNOLOGY GENTER		
		US-6336900	1/8/02	Alleckson	CHNOLO SVO		
		US-6073046	6/6/00	Patel	JUGY CO		
		US-5749907	5/12/98	Mann	ENTE		
		US-4531527	7/30/85	Reinhold, Jr. et al.	T A		
		US-4809697	4/7/1989	Causey, III et al.			
		US-4958645	9/25/1990	Cadell et al.	·		
		US-5416695	5/16/1995	Stutman et al.			
		US-5421343	6/6/1995	Feng			
		US-5687734	11/18/1997	Dempsey et al.			
		US- 6246992	6/12/2001	Brown			
		US- 5749908	5/12/1998	Snell			
		US- 5720771	2/24/1998	Sneil			
		US- 5697959	12/16/1997	Poore			
7		US- 5724580	3/3/1998	Levin et al.			

	FOREIGN PATENT DOCUMENTS										
Examiner thitials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	76					
		EP 0 513 457	11/19/1992	Caliber Medical Corp		Т					
- 00		EP 0 34 2859	11/23/1989	Healthtech Services	· · · · · · · · · · · · · · · · · · ·	1					
		WO 98/01742	2/19/1998	Cohen		-					
						-					
			-	**************************************							

Examiner Signature Considered

\*EXAMINER: Initial if reterence considered whether or not citation is in conformance with MPEP 609. Draw line through citation it not in conformance and not

\*EXAMINER: Initial if Natapace considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

\*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Reference Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control of information unless it displays a valid OMB control of information unless it displays a valid OMB

Substitute for form 1449A/PTO				Complete	e if Known
				Application Number	10/251,473
INFO	PRMATION	DISCLO	SURE	Filing Date	Sept 20, 2002
STA	TEMENT E	Y APPL	ICANT	First Named Inventor	Bardy
(us	e as many she	ets as nece	ssary)	Art Unit	3736
				Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	003.0290.US.CON

			U.S. PATE	NT DOCUMENTS		
-		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Examiner Initials	Cite No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages o Relevant Figures Appea	
X	>	US-5738102	4/14/1998	Lemelson	(CO)	
4		US-5772586	6/30/1998	Heinonen et al.	M. CA	/1
		US-5785650	7/28/1998	Akasaka et al.	1 1/2 1/4/2 2	
		US-5879375	3/9/1999	Larson, Jr. et al.	TON I	4
		US-5891178	4/6/1999	Mann et al.	1,00,00	2
T		US-5911132	6/8/1999	Sloane		9
		US-5957861	9/28/1999	Combs et al.	TECHNOLOGY CENTER	
		US-6083248	7/4/2000	Thompson	\$96	<b>3</b> .
		US-6093146	7/25/2000	Fliangeri	37	<sup>3</sup> >0ॄ
		US-6102856	8/15/2000	Groff et al.		•
	T	US-6171237	1/9/2001	Avitall et al.		
1		US- 6155267	12/5/2000	Nelson		
		US-5954640	9/1/1999	Szabo		
		US-6050940	4/1/2000	Braun		
1		US-6454705	12/1/1989	Cosentino		
		US-				
		US-				
	T	US-				
	T	US-		·		
	1	US-				

	FOREIGN PATENT DOCUMENTS									
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentae or	Pages, Columns, Lines, Where Relevant Passages					
Initials*	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>6</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	Γ*				
	ļ					$\perp$				
	ļ					$\vdash$				
	<del> </del>					$\vdash$				
		4.5 (10)								
						_				
						+				
						$\vdash$				
<u> </u>	<u> </u>			<u> </u>		ليب				

Date Examiner Considered Signature

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office,

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

Substitute for form 1449A/PTO				Complete	e if Known
				Application Number	10/251,473
INI	FORMATION	DISCLO	SURE	Filing Date	Sept. 20, 2002
ST	ATEMENT B	Y APPLI	CANT	First Named Inventor	Bardy, Gust H.
(	use as many she	ets as neces	isary)	Art Unit	3738
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	020.0290.US.CON

	U.S. PATENT DOCUMENTS								
Examiner	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant				
Initials.	No.1	Number - Kind Code <sup>2</sup> (if known)		Applicant of Cited Document	Figures Appear				
XX		US-4,852,570	8/1/1989	Levine					
		US-6,024.699	2/15/2000	Surwit et el.					
		US-6.047,203	4/4/2000	Sackner et al.					
		US-6,067,466	5/23/2000	Selker					
		US-6,095,985	8/1/2000	Raymond et al.					
4	<u> </u>	US-8,477,424	11/5/2002	Thompson et al.					
		US-							
		US-							
	<u> </u>	US-	<u> </u>						
		US-	<u> </u>						
	<u> </u>	US-							
		US-							
		US-							
		US-							
		US-	<u> </u>						
		US-							
		US-	<u> </u>						
		US-	<u> </u>						
		US-							

		FOREIG	N PATENT DOC	JMENTS	
		Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Irines.
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (ii known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear
					A 76
					PR DO
					3 ~
					A
					21 L.
					2003
					2
					3
				· · · · · · · · · · · · · · · · · · ·	, , ,

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of fils form with next communication to applicant.

\*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

\*Enter Office that issued the document, by the two-letter code (WIPO Standard ST, 3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

Substitute	e for form 1449A/PTO			Complete if Known		
				Application Number	10/251,473	
INFO	RMATION D	ISC	LOSURE	Filing Date	September 20, 2002	
STA	TEMENT BY	API	PLICANT	First Named Inventor	Bardy, Gust H.	
				Group Art Unit	3736	
	(use as many sheets a	as nec	essary)	Examiner Name	Unassigned	
Sheet	1	of	1	Attorney Docket Number	020:0290.US:CON	

<u>-</u>	U.S. PATENT DOCUMENTS							
		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where			
Examiner Initials	Cite No.'	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
00		6.416.471	7/9/2002	Kumar				
					RECT			
			,		AUCEIVA			
				FCH/				
					HOLOGY CENTER ROZE			
		•			- VIER Ra			
					100			
					`			

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	76				
	ļ					_				

Examiner	Date	0/22/10
Signature	Considered	9123104

\*EXAMINER: Initial if elerence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with each communication to applicant.

'Applicant's unique citation designation number (optional).

See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

The Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Mail Stop IDS, PO Box 1450, Alexandria, VA 22313-1450.

SEP 2 6 2003

Examiner

Signature

PTO/SB/08A (10-01) Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
1995, no persons are required to respond to a collection of information unless it displays a valid OMB

Under the Paperwork Reduction Act

Substitute for form 1449A/PTO				Complete	e if Known
			Application Number 10/251,473		
INFORMATION DISCLOSURE				Filing Date	September 20, 2002
STA	TEMENT I	BY APPL	ICANT	First Named Inventor	Bardy
(us	e as many sh	eets as nece	ssary)	Art Unit	3736
•	(222 223 223 223 223 223 223 223 223 223			Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	020.0290.US.CON

			U.S. PATE	NT DOCUMENTS		
Examiner Initials ()	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear	
	-	US-6,287,252	9/11/2001	Lugo		
-0		· · · · · · · · · · · · · · · · · · ·	ļ			
<del></del> -						
				Pro-		
				TIECE	11/Cn	
				Cro.	U	
				JEP 3-(	2002	
				TECHNOLOGY CE		
			• • • • • • • • • • • • • • • • • • • •	- SEOGY CE	VIER	
					11 H3700	
				<u> </u>		

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>6</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Ralevant Passages or Relevant Figures Appear	7		
						-		
						-		
						-		
						-		

Date Considered

\*EXAMINER: Initialit reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

\*Enter Office that issued the document, by the two-tetter code (WIPO Standard ST.3). \*For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Mail Stop IDS, PO Box 1450, Alexandria, VA 22313-1450.

PTO/SE/08A (06-03)

Approved for use through 07/31/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

ADE	Substitute for form 1449A/PTO		Complete if Known		
			Application Number	10/251,473	
į	NFORMATION D	ISCLOSURE	Filing Date	September 20, 2002	
Ç	STATEMENT BY	APPLICANT	First Named Inventor	Bardy	
•	SIAILMENI DI	ATT LIGHT	Art Unit	3736	
	(use as many sheets as	s necessary)	Examiner Name	Unassigned	
Sheet	et 1	of	Attorney Docket Number	020.0290.US.CON	

U.S. PATENT DOCUMENTS							
		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
Examiner nitials:	Cite No.1	Number - Kind Code <sup>2 (8 known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
$\sim$	<u> </u>	US-5.603,331	02-18-1997	Heemels et al.			
		US-6,290,646 -	09-18-2001	Cosentino et al.			
		US-					
		US-					
		US-					
		US-	•				
		US-					
		US-					
		US-			·		
		US-			D~		
		US-			IUFCE"		
		US-			-OEIVED		
		US-			DFC +		
	·	US-		<u> </u>	18 2002		
		US-		IECH	2003		
		US-			LOCOGY CENT		
		US-			SCIVIER PAR		
		US-			HNOLOGY GENTER A3700		
		US-					
		US-					

_	FOREIGN PATENT DOCUMENTS							
		Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	T		
Examiner Initials*	Cite No.	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			
					•			
				·				
			,					
	1	·						
	1							
	1							
***						1		
						Т		
	<del> </del>					1		

Examiner Signature		Date Considered	9/23/	04

\*EXAMINER: Initial/I reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language

the appropriate symbols as indicated on the document under WIPO standard \$1.16 if possible. Applicant is to place a check mark nere in English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE perwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Sheet

## RADEMA Stitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

Application Number	10/251,473
Filing Date	September 20, 2002
First Named Inventor	Bardy, Gust H.
Art Unit	3736
Examiner Name	Unassigned
Attomey Docket Number	020.0290.US.CON

Complete if Known

	U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.	Document Number  Number - Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
XX		US-5.769.074	06-23-1998	Barnhill et al.				
$\mathcal{G}_{q}$		US-5,133,346	07-28-1992	Kulkami				
		US-4,142,533_	03-06-1979	Brownlee et al.	Dr.			
		US-			リドCE"			
		US-			CIVEN			
		US-			MAR			
		US-			MAR 2 3 2004 MOLOGY CENTER ROYDO			
		US-		150	MANON			
		US-			- COGY CEA			
		US-			OCIVIER B			
		US-			10700			
		US-						
		US-						
		US-						
		US-						
		US-						
		US-		·				
		US-						
		US-						
		US-						

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	-		
Initials*		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			
	ļ							
						<u> </u>		
	<del> </del>					<del> </del>		
	ļ					_		
	<del> </del>					<del> </del>		
	<u> </u>					-		

Examiner	V	Date	~// c
Signature	15	Considered	7/23/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the relgn of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to life (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PADEME

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons ond to a collection of information unless it displays a valid OMB control number. are required to real

Substitute for form 1449A/PTO INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

Complete if Known					
Application Number	10/251,473				
Filing Date	September 20, 2002				
First Named Inventor	Bardy, Gust H.				
Art Unit	3736				
Examiner Name	Unassigned				
Attorney Docket Number	020 0290 CON				

U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.	Document Number  Number - Kind Code <sup>2 (I known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
787		US-5,438.983	08-08-1995	Falcone				
		US-5,464,012	11-07-1995	Falcone				
		US-5,974,124	10-26-1999	Schlueter, Jr. et al.				
		US-6,080,106	06-27-2000	Lloyd et al.				
		US-5,720,770	02-24-1998	Nappholz et al.				
		US-6,122,351	09-19-2000	Schlueter, Jr. et al.				
		US-6,225,901	05-01-2001	Kail, IV				
V		US-6,250,309	06-26-2001	Krichen et al.				
	I							
		·						
-								
	1							
	<u> </u>							
	1							
***************************************			1					

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁰		
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	MM-DD-YYYY					
						-		
	<b> </b>			- ATTAIN	,			
	<del> </del>					╂		
	<del></del>							
	ļ					1_		
		<u> </u>	<u> </u>	<u> </u>				

Examiner	Date	9/02/20
Signature	Considered	1/25/04

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language

Transitation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.